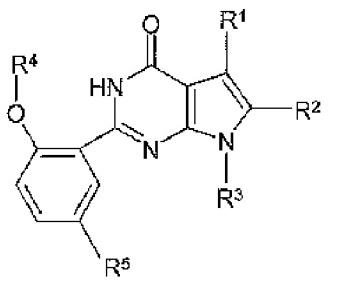


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(currently amended) A compound of the general formula I :



I

wherein R¹ is H; C₁-C₄ branched or straight chain alkyl; C₁-C₄ halogenated branched or straight chain alkyl; C₂-C₆ alkenyl; C₂-C₄ alkynyl; pyridyl, pyrimidinyl,imidazolyl; except H, the above substituents may be optionally substituted with one or more following groups: halogen, cyano, nitro, hydroxyl, carboxyl, guanidino, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkanoyl, C₃-C₅ cycloalkyl, substituted phenyl, ~~substituted heterocyclic group~~, CONR⁵R⁶, NR⁵R⁶, CO₂R⁷, NHSO₂R⁸ or SO₂NR⁹R¹⁰;

R² is H; C₁-C₃ branched or straight chain alkyl; C₁-C₃ halogenated branched or straight chain alkyl; C₂-C₆ alkenyl; C₂-C₄ alkynyl; substituted phenyl; except H, the above substituents may be optionally substituted with one or more following groups: halogen, cyano-, nitro, hydroxyl, carboxyl, guanidino-, C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkanoyl, C₃-C₅ cycloalkyl, ~~substituted heterocyclic group~~, CONR⁶R⁷, NR⁶R⁷, CO₂R⁸, NHSO₂R⁹ or SO₂NR¹⁰R¹¹;

R³ is H; C₁-C₆ branched or straight chain alkyl which may be optionally substituted with C₃-C₆ cycloalkyl or C₁-C₄ alkoxy; C₂-C₄ alkenyl; C₂-C₄ alkynyl;

R⁴ is H; C₁-C₆ branched or straight chain alkyl which may be optionally substituted with

$C_3\text{--}C_6$ cycloalkyl or $C_1\text{--}C_4$ alkoxy; $C_2\text{--}C_4$ alkenyl; $C_2\text{--}C_4$ alkynyl;

R^5 is H; $C_1\text{--}C_4$ branched or straight chain alkyl which may be optionally substituted with OH, NR^6R^7 , $CN\text{--}CONR^6R^7$ or CO_2R^8 ; $C_2\text{--}C_4$ alkenyl which may be optionally substituted with $CN\text{--}CONR^6R^7$ or CO_2R^8 ; $C_2\text{--}C_4$ alkoxy optionally substituted with NR^6R^7 ; ($C_2\text{--}C_3$ alkoxy) $C_1\text{--}C_2$ branched or straight chain alkyl optionally substituted with OH or NR^6R^7 ; $CONR^6R^7$; CO_2R^8 ; halogen; NR^6R^7 ; $NHSO_2NR^6R^7$; $NHSO_2R^9$; $SO_2NR^{10}R^{11}$; or phenyl, pyridyl, pyrimidinyl, imidazolyl, oxazolyl, thiazolyl, thienyl, or triazolyl, either of which is optionally substituted with methyl;

R^6 and R^7 are each independently H or $C_1\text{--}C_4$ branched or straight chain alkyl; or R^6 and R^7 together with their attached nitrogen atom form pyrrolinyl, piperidyl, morpholinyl, 4-N(R^{12})-piperazinyl or imidazolyl, either of which is optionally substituted with methyl or hydroxyl;

R^8 is H; $C_1\text{--}C_6$ branched or straight chain alkyl optionally substituted with $C_1\text{--}C_4$ alkoxy, $C_1\text{--}C_4$ alkylamino, dialkylamino; substituted phenyl and substituted heterocyclic group in which the substitut(s) on the ring of substituted phenyl and substituted heterocyclic group are defined as the above;

R^9 is $C_1\text{--}C_3$ alkyl optionally substituted with NR^6R^7 ;

R^{10} and R^{11} are each independently H or $C_1\text{--}C_{12}$ branched or straight chain alkyl; $C_1\text{--}C_3$ halogenated branched or straight chain alkyl; $C_2\text{--}C_6$ alkenyl; $C_2\text{--}C_6$ alkynyl or $C_3\text{--}C_6$ cycloalkyl; or R^{10} and R^{11} taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R^{13})-piperazinyl; or R^{10} and R^{11} together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R^{13})-piperazinyl which are optionally substituted with OH, CN, CO_2R^8 , $C_1\text{--}C_4$ branched or straight chain alkyl, $C_1\text{--}C_3$ alkoxy, $NR^{14}R^{15}$ or $CONR^{14}R^{15}$; substituted phenyl, substituted heterocyclic group, or $C_1\text{--}C_6$ branched or straight chain alkyl substituted with substituted phenyl or substituted heterocyclic group, the said groups are optionally further substituted with OH, CO_2R^8 , $NR^{14}R^{15}$, $CONR^{14}R^{15}$, or linked together with another substituted phenyl or substituted

~~heterocyclic group~~ by a carbonyl group;

R^{12} is H; $C_{1\sim C_6}$ branched or straight chain alkyl which may be optionally substituted with phenyl, $C_{2\sim C_3}$ alkyl substituted by hydroxyl ,or $C_{1\sim C_4}$ alkoxy; $C_{1\sim C_3}$ fluoroalkyl; $C_{2\sim C_6}$ alkenyl; $C_{2\sim C_6}$ alkynyl; or $C_{3\sim C_6}$ cycloalkyl; R^{13} is H; $C_{1\sim C_6}$ branched or straight chain alkyl; $C_{2\sim C_6}$ branched or straight chain alkyl substituted with $C_{1\sim C_3}$ alkoxy; $C_{2\sim C_6}$ branched or straight chain alkyl substituted with hydroxyl; $C_{2\sim C_6}$ branched or straight chain alkyl substituted with $NR^{14}R^{15}$; $C_{2\sim C_6}$ branched or straight chain alkyl substituted with phenyl; $C_{1\sim C_6}$ branched or straight chain alkyl substituted with $CONR^{14}R^{15}$; $C_{2\sim C_6}$ branched or straight chain hydrocarbyl substituted with CO_2R^8 ; $C_{2\sim C_6}$ branched or straight chain hydrocarbyl having substituted phenyl ~~or substituted heterocyclic group~~ as substituent; CO_2R^8 , $CONR^{14}R^{15}$, $CSNR^{14}R^{15}$ or $C(NH)NR^{14}R^{15}$; $C_{1\sim C_3}$ halogenated branched or straight chain alkyl; $C_{2\sim C_6}$ alkenyl; $C_{2\sim C_6}$ alkynyl or $C_{3\sim C_6}$ cycloalkyl; or polyethylene glycol group ($n=2\sim 20$), which is optionally substituted with $C_{1\sim C_6}$ alkyl on its terminal;

R^{14} and R^{15} are each independently H; $C_{1\sim C_4}$ branched or straight chain alkyl; $C_{2\sim C_4}$ branched or straight chain alkyl substituted with $C_{1\sim C_3}$ alkoxy; or $C_{2\sim C_4}$ branched or straight chain alkyl substituted with hydroxyl; or R^{14} and R^{15} together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl or morpholinyl; and

the substituted phenyl refers to a phenyl which is substituted with one or more groups selected from $C_{1\sim C_4}$ alkoxy, halogen, cyano-, CF_3 , OCF_3 , $C_{1\sim C_4}$ branched or straight chain alkyl on the phenyl ring; ~~The substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms, and the oxides thereof; pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen, and sulfur atoms; the substituting groups on the heterocyclic ring are $C_{1\sim C_4}$ branched or straight chain alkyl, $C_{1\sim C_4}$ alkoxy, amino, as well as $C_{1\sim C_4}$ branched or straight chain alkyl amino, $C_{1\sim C_4}$ alkoxyamino group;~~

~~Or~~or their pharmaceutically acceptable salts .

2. (currently amended) The compound according to claim 1, wherein: R¹ is C₁-C₃ branched or straight chain alkyl optionally substituted with one or more groups selected from a group consisted of the following: C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkanoyl, substituted phenyl, ~~substituted heterocyclic group, CONR⁶R⁷, CONR⁵R⁶ and NR⁶R⁷NR⁵R⁶~~;

R² is H; C₁-C₃ branched or straight chain alkyl optionally substituted with one or more groups selected from a group consisted of the following: ~~substituted phenyl, substituted heterocyclic group, CONR⁶R⁷, and NR⁶R⁷~~; CONR⁶R⁷, and NR⁶R⁷;

R³ is H; C₂-C₄ branched or straight chain alkyl which may be optionally substituted with C₃-C₄ cycloalkyl, C₁-C₃ alkoxy; C₂-C₄ alkenyl; or C₂-C₄ alkynyl;

R⁴ is H; C₁-C₄ branched or straight chain alkyl which may be optionally substituted with C₃-C₅ cycloalkyl or C₁-C₃ alkoxy; C₂-C₄ alkenyl; or C₂-C₄ alkynyl;

R⁵ is H; C₁-C₄ branched or straight chain alkyl which may be optionally substituted with OH, NR⁶R⁷, CN, CONR⁶R⁷ or CO₂R⁸; C₂-C₄ alkoxy optionally substituted with NR⁶R⁷; NR⁶R⁷; NHSO₂NR⁶R⁷; NHSO₂R⁹; SO₂NR¹⁰R¹¹; or phenyl, pyridyl, pyrimidinyl, imidazolyl, oxazolyl, thiazolyl, thienyl or triazolyl, either of which is optionally substituted with methyl;

R⁶ and R⁷ are each independently H; C₁-C₄ branched or straight chain alkyl, or R⁶ and R⁷ together with their attached nitrogen atom form a pyrrolinyl, piperidyl, morpholinyl, 4-N(R¹²)-piperazinyl or imidazolyl, either of which is optionally substituted with methyl and hydroxyl;

R⁸ is H or C₁-C₄ branched or straight chain alkyl;

R⁹ is C₁-C₃ alkyl optionally substituted with NR⁶R⁷;

R¹⁰ and R¹¹ are each independently H or C₁-C₁₂ branched or straight chain alkyl; C₁-C₃ halogenated branched or straight chain alkyl; C₂-C₆ alkenyl; C₂-C₆ alkynyl or C₃-C₆ cycloalkyl; or R¹⁰ and R¹¹ taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl; ~~or R¹⁰ and R¹¹ together with their attached nitrogen atom form a pyrrolinyl, pyrrolidone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl~~; the said

groups are optionally substituted with OH, CN, CO₂R⁸, C₁-C₄ branched or straight chain alkyl, C₁-C₃ alkoxy, NR¹⁴R¹⁵, or CONR¹⁴R¹⁵; substituted phenyl, ~~substituted heterocyclic group~~, or C₁-C₆ branched or straight alkyl substituted with substituted phenyl ~~or substituted heterocyclic group~~, the said groups are further substituted with OH, CO₂R⁸, NR¹⁴R¹⁵, CONR¹⁴R¹⁵, or linked together with another substituted phenyl ~~or substituted heterocyclic group~~ by a carbonyl group;

R¹² is H; C₁-C₆ branched or straight chain alkyl which may be optionally substituted with C₂-C₃ alkyl or C₁-C₄ alkoxy, the said alkyl and alkoxy are substituted with phenyl, hydroxyl; C₂-C₆ alkenyl or C₃-C₆ cylcoalkyl;

R¹³ is H; C₁-C₆ branched or straight chain alkyl; C₂-C₆ branched or straight chain alkyl substituted with C₁-C₃ alkoxy; C₂-C₆ branched or straight chain alkyl substituted with hydroxyl; C₂-C₆ branched or straight chain alkyl substituted with NR¹⁴R¹⁵; C₂-C₃ branched or straight chain alkyl substituted with phenyl; C₁-C₆ branched or straight chain alkyl substituted with CONR¹⁴R¹⁵; CO₂R⁸, CONR¹⁴R¹⁵, CSNR¹⁴R¹⁵ or C(NH)NR¹⁴R¹⁵; C₁-C₃ halogenated branched or straight chain alkyl; C₂-C₆ alkenyl; C₂-C₆ alkynyl or C₃-C₆ cylcoalkyl;

R¹⁴ and R¹⁵ are each independently H; C₁-C₄ branched or straight chain alkyl; C₂-C₄ branched or straight chain alkyl substituted with C₁-C₃ alkoxy; or C₂-C₄ branched or straight chain alkyl substituted with hydroxyl; or R¹⁴ and R¹⁵ together with their attached nitrogen atom form pyrrolinyl, pyrrolinone group, piperidyl, or morpholinyl;

The ~~the~~ substituted phenyl refers to a phenyl group which is substituted with one or more groups selected from C₁-C₄ alkoxy, halogen, CN, CF₃, OCF₃, or C₁-C₄ branched or straight chain alkyl; ~~the substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms, and the oxide thereof; or pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen and sulfur atoms; the substituents on the heterocyclic ring are C₁-C₄ branched or straight chain alkyl, C₁-C₄ alkoxy, amino, as well as C₁-C₄ branched or straight chain alkyl amino, C₁-C₄ alkoxyamino.~~

3. (currently amended) The compound according to claim 12, wherein:

R¹ is C₂-C₃ branched or straight chain alkyl which may be optionally substituted with one or more groups selected from ~~substituted heterocyclic group and~~ NR⁶R⁷;

R² is H;

R³ is H; C₂-C₄ branched or straight chain alkyl which may be optionally substituted with C₃-C₄ cycloalkyl; C₂-C₄ alkenyl; C₂-C₄ alkynyl;

R⁴ is C₂-C₄ branched or straight chain alkyl, which may be optionally substituted with C₁-C₃ alkoxy; C₂-C₄ alkenyl; C₂-C₄ alkynyl;

R⁵ is SO₂NR¹⁰R¹¹;

R⁶ and R⁷ together with their attached nitrogen atom form a pyrrolinyl, piperidyl or morpholinyl;

R⁸ is H or C₁-C₄ branched or straight chain alkyl;

R¹⁰ and R¹¹ are each independently H or C₁-C₁₂ branched or straight chain alkyl; C₃-C₆ cycloalkyl; or R¹⁰ and R¹¹ taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl; ~~or R¹⁰ and R¹¹ together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, or 4 N(R¹³) piperazinyl; the said groups are optionally substituted with OH, C₁-C₄ branched or straight chain alkyl, C₁-C₃ alkoxy, NR¹⁴R¹⁵, or CONR¹⁴R¹⁵; substituted phenyl, ~~substituted heterocyclic group~~, or C₁-C₆ branched or straight alkyl optionally substituted with substituted phenyl, ~~substituted heterocyclic group~~, the said groups are further substituted with OH, CO₂R⁸, NR¹⁴R¹⁵ or CONR¹³R¹⁴, or linked together with another substituted phenyl ~~or substituted heterocyclic group~~ by a carbonyl;~~

R¹³ is H; C₁-C₃ branched or straight chain alkyl; C₂-C₃ branched or straight chain alkyl substituted with C₁-C₃ alkoxy; C₂-C₃ branched or straight chain alkyl substituted with OH; C₂-C₆ branched or straight chain alkyl substituted with NR¹⁴R¹⁵; C₂-C₃ branched or straight chain alkyl substituted with phenyl; C₁-C₆ branched or straight chain alkyl substituted with

$\text{CONR}^{14}\text{R}^{15}$; CO_2R^8 or $\text{CONR}^{14}\text{R}^{15}$;

R^{14} and R^{15} are each independently H; $\text{C}_1\text{-C}_4$ branched or straight chain alkyl; $\text{C}_2\text{-C}_4$ branched or straight chain alkyl substituted with $\text{C}_1\text{-C}_3$ alkoxy; or $\text{C}_2\text{-C}_4$ branched or straight chain alkyl substituted with OH; or R^{14} and R^{15} together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl or morpholinyl;

the substituted phenyl refers to a phenyl group which is substituted with one or more substituents selected from a group consisted of $\text{C}_1\text{-C}_4$ alkoxy, halogen, CN, CF_3 , OCF_3 , and $\text{C}_1\text{-C}_4$ branched or straight chain alkyl; ~~the substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms and the oxide thereof; or pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen, and sulfur atoms; the substituents on the heterocyclic ring are $\text{C}_1\text{-C}_4$ branched or straight chain alkyl, $\text{C}_1\text{-C}_4$ alkoxy, amino, as well as $\text{C}_1\text{-C}_4$ branched or straight chain alkyl amino, $\text{C}_1\text{-C}_4$ alkoxyamino.~~

4. (currently amended) The compound according to claim 31, wherein the compound is selected from a group consisting of:

2-[2-ethoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-methoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the hydrochloride thereof;

2-[2-n-propoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the hydrochloride thereof;

2-[2-allyloxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-n-propoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihydropyrro

olo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-methylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-methylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-ethoxycarbonylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-(2-hydroxyethyl)piperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(pyrrolidinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{2-ethoxy-5-[3-(2-oxy-pyrrolidin-1-yl)-n-propylamino-N-sulfonyl]phenyl}-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{2-ethoxy-5-[2-(pyrrolidin-1-yl)-ethylamino-N-sulfonyl]phenyl}-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(morpholino-4-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-([3-(morpholin-4-yl)-n-propylamino-N-sulfonyl])]-phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-([2-(morpholin-4-yl)-ethylamino-N-sulfonyl])phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(2,6-dimethylmorpholino-N-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(1-benzylpiperidyl-4-aminosulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-([2-(piperidin-1-yl)ethylamino-1-sulfonyl])phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-benzylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-phenylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(piperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-benzo[1,3]dioxol-5-yl-methylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the

monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{2-ethoxyl-5-[4-(3-phenyl-n-propan-1-yl)piperidyl-1-sulfonyl]

| phenyl}-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one,

the

| monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(n-propylamino-1-sulfonyl)phenyl]-5-methyl-7-n-

| propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride

| and other possible hydrochloride thereof;

| 2-[2-ethoxyl-5-([N,N-di(2-hydroxyethyl)aminosulfonyl]phenyl)-5-

| methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride,

| dihydrochloride and other possible hydrochloride thereof;

| 2-{2-ethoxyl-5-[N-(2-hydroxyethyl)-N-methyl]aminosulfonyl}phenyl]-5-methyl-7-n-propyl-3

| ,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other

| possible hydrochloride thereof;

| 2-{2-ethoxyl-5-[N-(2-hydroxyethyl)-N-ethyl]aminosulfonyl}phenyl]-5-methyl-7-n-propyl-3,7-

| dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other

| possible hydrochloride thereof;

| 2-{2-ethoxyl-5-[N-(2-hydroxyethyl)-N-n-butyl]aminosulfonyl}phenyl]-5-methyl-7-n-propyl-3

| ,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other

| possible hydrochloride thereof;

| 2-{2-ethoxyl-5-(p-ethoxycarboxylphenylamino)-N-sulfonyl}phenyl]-5-methyl-7-n-propyl-3

| ,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other

| possible hydrochloride thereof;

| 2-[2-ethoxyl-5-(o-benzoylphenylamino)-N-sulfonyl]phenyl]-5-methyl-

| 7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride,

| dihydrochloride and other possible hydrochloride thereof;

| 2-{2-ethoxyl-5-(N²-acethydrazido)-N¹-sulfonyl}phenyl]-5-methyl-7-

n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride and dihydrochloride and other possible hydrochloride thereof;

| 2-[2-ethoxyl-5-(2-dimethylaminoethylamino)-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-morpholinomethyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-(pyrimidinyl-2)-methyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof; and

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-allyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof.

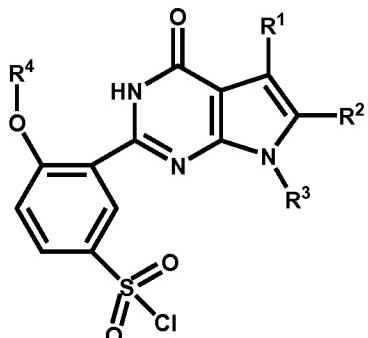
5. (canceled)

6. (currently amended) A pharmaceutical composition containing the compound according to any one of claims claim 1-4 as an active ingredient, and a pharmaceutically acceptable excipient.

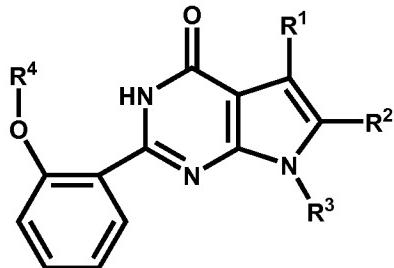
| 7. (currently amended) A veterinary ~~drugs~~ drug composition containing the compound according to any one of ~~claims~~claims 1-4 as an active ingredient, and a veterinarily acceptable excipient.

8-9. (canceled)

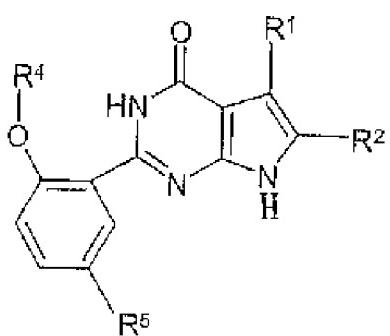
10. (currently amended) Intermediates **IA**–**IG** for the manufacture of compound of formula I according to claim 1:



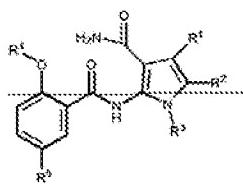
IB



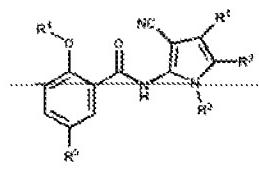
IC



IG



IA



ID

